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AB - PURPOSE: To express an extremely complex pattern by forming colored transparent small chips or the like, forming many virtual images through a cylindrical mirror surface body obtained by combining several reflecting mirror surfaces and expanding the images to project them on a screen.

- CONSTITUTION: Subjects 6 such as colored transparent sheet-like small chips are inserted into a space part 7 of a moving body 2 so as to be freely rotated. A light source 3 and the cylindrical mirror surface body 1 obtained by combining three reflecting mirror surfaces 1a are arranged on both the sides of the moving body 2. When the moving body 2 is rotated and light is irradiated from the light source 3, many virtual images of the subjects 6 are formed by the reflection of light in the cylindrical body 1 like a kaleidoscope and projected on the screen 5 through an expanding lens 4. Consequently, extremely complex patterns can be automatically and continuously displayed and can be used for various purposes.

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